

ABSTRACT OF THE DISCLOSURE

10 A formulation of delta-9-tetrahydrocannabinol in a semi-aqueous solvent, such as 35:10:55 alcohol:water:propylene glycol (v/v), produces a stable clear solution near the solubility point of the drug. Because delta-9-tetrahydrocannabinol has poor affinity for the formulation, it is able to partition out and transport across cell membranes to reach the bloodstream quickly. This has been demonstrated by the comparative  $t_{\max}$  values achieved in single dose intravenous and 14 day multiple dose inhalation studies conducted in dogs and rats.

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